

Title (en)

A leaf spring of composite material for vehicle suspensions and a method for its manufacture.

Title (de)

Blattfeder aus Faserverbundwerkstoff für Fahrzeugradaufhängungen und deren Herstellungsverfahren.

Title (fr)

Ressort à lames en matière composite pour la suspension d'un véhicule automobile et une méthode de sa fabrication.

Publication

**EP 0384899 A1 19900829 (EN)**

Application

**EP 90830044 A 19900206**

Priority

IT 6711689 A 19890222

Abstract (en)

A glass-fibre-reinforced plastics leaf spring (1) for vehicle suspensions incorporates additional reinforcing fibres (2) which have a greater modulus of elasticity than the glass fibres and are arranged substantially along the neutral bending axis (A) of its cross-section.

IPC 1-7

**F16F 1/36**

IPC 8 full level

**F16F 1/368** (2006.01); **F16F 1/18** (2006.01)

CPC (source: EP)

**F16F 1/368** (2013.01)

Citation (search report)

- [X] GB 1333558 A 19731010 - SECR DEFENCE
- [X] US 4509774 A 19850409 - BOOHER BENJAMIN V [US]
- [Y] GB 835355 A 19600518 - CARRIER CONVEYOR CORP
- [Y] GB 2161424 A 19860115 - SECR DEFENCE
- [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 14 (M-784)(3362) 13 January 1989, & JP-A-63 225738 (MAZDA MOTOR CORP.) 20 September 1988,
- [A] PATENT ABSTRACTS OF JAPAN vol. 7, no. 223 (M-247)(1368) 04 October 1983, & JP-A-58 118342 (HINO JIDOSHA KOGYO K.K.) 14 July 1983,

Cited by

GB2366350A; GB2366350B; EP0851142A1; BE1010823A3; US6811169B2

Designated contracting state (EPC)

DE ES FR GB GR IT NL SE

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**EP 0384899 A1 19900829**; IT 1231865 B 19920114; IT 8967116 A0 19890222; JP H02248728 A 19901004

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